

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) An adjustable and sealable jet nebuliser for ~~bottles able to be a~~ bottle that is elastically deformed deformable by squeezing, able to be mounted on ~~the a~~ a mouth of ~~the a~~ a neck [[ (2) ]] of a bottle [[ (3) ]] and comprising a liquid conduit with first and second ends, ~~for the liquid (17),~~ the liquid conduit being connected, at the first end by means of a check valve, to a suction tube (24) which draws in a liquid contained inside within the bottle [[ (3) ]] from under a volume of air [[,]]; the liquid conduit terminating at the second end in a mixing chamber provided with a central exhaust orifice through which the liquid is discharged outwards from the mixing chamber; and a an air conduit for the air (16) communicating with said volume of air of contained within the bottle [[ (3) ]], said air conduit surrounding the liquid conduit for the liquid (17) and ending, together with the conduit for the liquid (17) merging into [[a]] said mixing chamber, where the liquid flowing from the liquid conduit mixes with the air flowing from the air conduit, communicating

~~with the exterior through a central exhaust orifice~~  
~~(29), characterised in that: wherein~~

said air conduit ~~for the air (16)~~ and said liquid  
conduit ~~for the liquid (17)~~ are obtained coaxially in a  
cylindrical body ~~[(4)]~~, ~~having, in its~~ which has a  
portion projecting from the mouth of the bottle neck  
~~[(2)]~~ ~~[[,]]~~; said cylindrical body presenting on its  
projecting portion an external thread (14) to be engaged  
with an internal counter-thread ~~(37)~~ obtained ~~in~~ on a  
screw-on cap ~~(28)~~, provided with the central exhaust  
orifice ~~(29)~~, wherein the screw-on cap (28) having has a  
cylindrical wall ~~(30)~~, to be inserted between the air  
conduit ~~for the air (16)~~ and the liquid conduit ~~for the~~  
~~liquid (17)~~, to create ~~[[a]]~~ said mixing chamber (33),  
with variable geometry, defined by a portion of the  
liquid conduit, by an inner portion of the screw-on cap  
and by the cylindrical wall; and wherein

said liquid conduit ~~for the liquid (17)~~ ~~having has~~ on  
its ~~upper~~ second end an arm ~~(26)~~ oriented upwards,  
bearing, at its free end, a tip cap ~~(27)~~, able to be  
inserted into said central exhaust orifice ~~(29)~~ whilst  
the screw-on cap ~~(28)~~ is screwed onto the cylindrical  
body ~~[(9)]~~, until sealing the nebuliser.

2. (currently amended) Nebuliser as claimed in claim 1, wherein ~~characterised in that~~ at the complete sealing of the nebuliser said screw-on cap ~~(28)~~ abuts ~~[[the]]~~ an upper end of said cylindrical body ~~[[ (4) ]]~~.

3. (currently amended) Nebuliser as claimed in claim 1, wherein ~~characterised in that~~ said external thread ~~(14)~~ of the cylindrical body ~~[[ (4) ]]~~ and said internal counter-thread ~~(37)~~ of the screw-on cap ~~(28)~~ have mutual contrast means able to prevent the complete unscrewing of the screw-on cap ~~(28)~~ from the cylindrical body ~~[[ (4) ]]~~.

4. (currently amended) Nebuliser as claimed in claim 3, wherein ~~characterised in that~~ said mutual contrast means are constituted by at least one anti-unscrewing tab ~~(15)~~ fastened tangentially to the cylindrical body ~~[[ (4) ]]~~ and by an abutment ~~(35)~~, obtained inferiorly in the screw-on cap ~~(28)~~ to serve as an abutment for the anti-unscrewing tab ~~(15)~~.

5. (currently amended) Nebuliser as claimed in claim 4, wherein ~~characterised in that~~ said screw-on cap ~~(28)~~ has a cylindrical wall ~~(31)~~ in a lower profile ~~(41)~~ whereof, inclined by the same angle as said internal thread ~~(14)~~, are obtained slots ~~(34)~~, which interrupt the lower profile

~~(41)~~ to produce a "stepped" rotation for ~~the~~ an accurate angular positioning of the screw-on cap ~~(28)~~.

6. (currently amended) Nebuliser as claimed in claim 1, wherein ~~characterised in that~~ antagonist diametrical projections and recessions ~~(36)~~ are obtained on the cylindrical body ~~[(4)]~~ in proximity to and at the same side as the thread ~~(14)~~ and, respectively, in proximity to and at the same side as the counter-thread ~~(37)~~ of the screw-on cap ~~(28)~~ upon reaching the predetermined screwing of the screw-on cap ~~(28)~~ on the cylindrical body ~~[(4)]~~ to obtain an adequate regulation of the flow rate of nebulised liquid in the mixing chamber with variable geometry ~~(33)~~ and hence in the exhaust orifice ~~(29)~~.

7. (currently amended) Nebuliser as claimed in claim 1, wherein ~~characterised in that~~ said tip cap ~~(27)~~ and said central exhaust orifice ~~(29)~~ have cone frustum shape.

8. (currently amended) Nebuliser as claimed in claim 1, wherein ~~characterised in that~~ said cylindrical wall ~~(30)~~ of the screw-on cap ~~(28)~~ has walls which become thinner downwards.

9. (currently amended) Nebuliser as claimed in claim 1, wherein ~~characterised in that~~ said cylindrical body ~~[[4]]~~ is mounted on the mouth of the neck ~~[[2]]~~ provided with an external thread ~~[[8]]~~, with the interposition of a gasket ~~[[7]]~~, through a ring nut ~~[[9]]~~ provided with an internal counter-thread ~~(12)~~ able to engage the external thread ~~[[8]]~~.

10. (currently amended) Nebuliser as claimed in claim ~~±~~ 9, wherein ~~characterised in that~~ said ring nut ~~[[9]]~~ has a cylindrical portion ~~(10)~~ projecting from the mouth, and said screw-on cap ~~(28)~~ is cupola-shaped with peripheral portions able to overhang said cylindrical portion ~~(10)~~.

11. (new) An adjustable and sealable jet nebuliser for a bottle that is elastically deformable by squeezing, able to be mounted on a mouth of a neck of a bottle and comprising a liquid conduit with first and second ends, the liquid conduit being connected, at the first end by a check valve, to a suction tube which draws a liquid contained within the bottle from under a volume of air; the liquid conduit terminating at the second end in a mixing chamber provided with a central exhaust orifice through which the liquid is discharged outwards from the mixing chamber; an air conduit communicating with said volume of air contained

within the bottle, said air conduit surrounding the liquid conduit and merging into said mixing chamber, where the liquid flowing from the liquid conduit mixes with the air flowing from the air conduit, wherein

said air conduit and said liquid conduit are obtained coaxially in a cylindrical body, which has a portion projecting from the mouth of the bottle neck; said cylindrical body presenting on its projecting portion an external thread to be engaged with an internal counter-thread obtained on a screw-on cap, provided with the central exhaust orifice, wherein the screw-on cap has a cylindrical wall, to be inserted between the air conduit and the liquid conduit, to create said mixing chamber, with variable geometry, defined by a portion of the liquid conduit, by an inner portion of the screw-on cap and by the cylindrical wall; wherein

said liquid conduit has on its second end an arm oriented upwards, bearing, at its free end, a tip cap, able to be inserted into said central exhaust orifice whilst the screw-on cap is screwed onto the cylindrical body, until sealing the nebuliser,

and wherein said internal counter-thread of the screw-on cap have mutual contrast means able to prevent the complete unscrewing of the screw-on cap from the cylindrical body, said mutual contrast means being constituted by at least

one anti-unscrewing tab fastened tangentially to the cylindrical body and by an abutment, obtained inferiorly in the screw-on cap to serve as an abutment for the anti-unscrewing tab.